Headquarters U.S. Air Force

Integrity - Service - Excellence

Military Munitions Response Program (MMRP) Policy & Development

(AFCEE's Program Support Perspective)

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What is MMRP?

- **Military Munitions Response Program (MMRP) is an Air Force Program that plans, programs, budgets, and executes response actions to address (not including BRAC defense sites):**
  - **Military Munitions, i.e., unexploded ordnances and waste military munitions**
  - **Chemical residues of munitions at other-than-operational ranges, I.e., to include closed, transferred and transferring**

Source: DERP MG (28 Sep 01)

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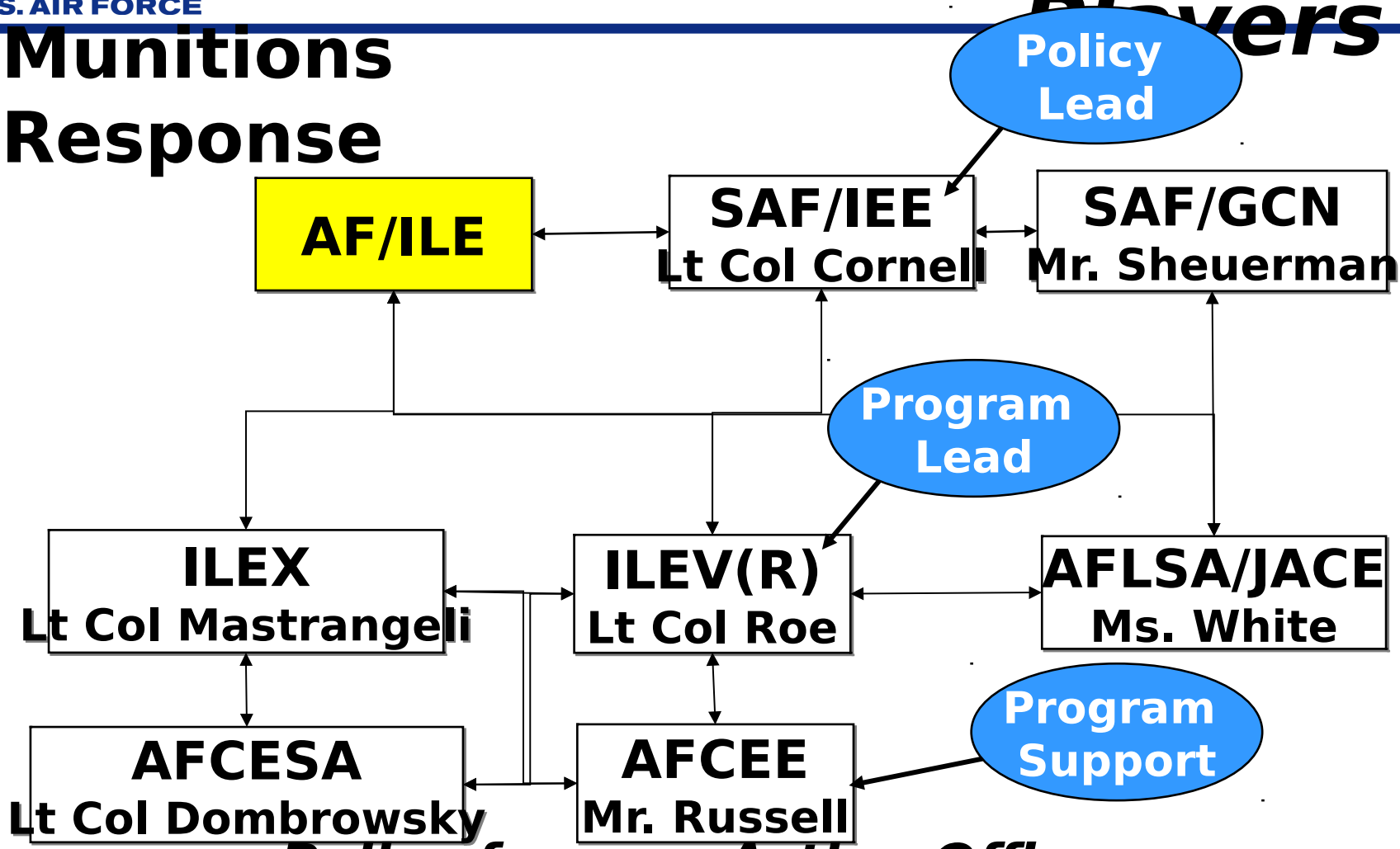
Munitions Response Definitions

- ***Military Munitions Response***
  - **Identifying the risk associated with the sites and developing the appropriate response for making these sites safe and clean for reasonably anticipated future use.**
- ***Munitions Response Areas* (hereinafter "sites")**
  - **Closed, transferring, or transferred sites primarily on active Air Force installations**
  - **Any other sites outside of operational ranges (i.e., active and inactive)**

Munitions Response Players

Munitions Response



Policy from an Action Officer Perspective

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Laws and Regulations

- **Defense Environmental Restoration Program (DERP) (10 USC §2701 *et seq*.)**
- **National Defense Authorization Act for Fiscal Year 02**
- **Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (42 USC §9601 *et seq*.)**
- **National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (40 CFR Part 300)**
- **Executive Orders 12580, *Superfund Implementation* and 13016 *Superfund Amendments***
- **Department of Defense (DoD) Directorate (DoDD) 7000.14-FMR, DoD Financial Management Regulation**

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MMRP Drivers

- **FY02 National Defense Authorization Act**
  - **Conduct *inventory of sites* (§311)**
  - **Set up program element within ER accounts to track costs for military munitions response (§312)**
  - **Requires FY2002 DERP Annual Report to Congress to detail specific information on military munitions response *program costs*, comprehensive plan for program, baseline of technology (§313)**
- **DERP Management Guidance – Sep 01 Update**
  - **Requires inventory of sites**
  - **Certain actions made eligible for funding under ERA**
  - **Requires disclosure of projected and incurred costs**
  - **Requires programming of funds in year site is identified**

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Sections 311-313 of FY02 NDAA

- **FY02 Defense Authorization Act §§311-313 specifically addressed munitions response activities**
  - **Conduct inventory of sites (§311)**
    - **Develop and apply a munitions response site priorization protocol to sites in inventory**
    - **Make inventory of sites, with assigned priorities, publicly available**
  - **Set up program element within ER accounts to track costs for military munitions response (§312)**
  - **Requires FY2002 DERP Annual Report to Congress to detail specific information on military munitions response program costs, comprehensive plan for program, baseline of technology (§313)**

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Defense MMRP Guidance

- Office of the Deputy Under Secretary of Defense (Installations & Environment) (ODUSD (I&E)) ***FY2002 Defense Environmental Restoration Program Annual Report to Congress*** dated 23 August 2002.
- ODUSD (I&E) ***Guidance for Fulfilling the Cost Estimating Requirements in Section 313 of the Defense Authorization Act for FY2002*** dated 3 September 2002.
- ODUSD (I&E) ***Inventory of Unexploded Ordnance, Discarded Military Munitions, and Munitions Constituents at Defense Sites (Other than Operational Ranges)*** dated 6 December 2002.
- ODUSD (I&E) ***Reconciliation of the Munitions Response Site Inventory*** dated 17 January 2003.

MMRP Budget

ENVIRONMENTAL RESTORATION PROGRAM FY 20XX PRESIDENTS BUDGET
FUNDING BY PRIORITIES COMPONENT TOTAL
($ THOUSANDS)

Component ENV 30A

	FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY03-FY02 CHANGE
I. INSTALLATION RESTORATION PROGRAM (IRP)				
A. Program Management and Support	$	$	$	$
B. Hazardous and Petroleum Waste Projects				
Priority 1A. High Relative Risk with Agreements	$	$	$	$
Priority 1B. High Relative Risk without Agreements	$	$	$	$
Priority 2A. Medium Relative Risk with Agreements	$	$	$	$
Priority 2B. Medium Relative Risk without Agreements	$	$	$	$
Priority 3A. Low Relative Risk with Agreements	$	$	$	$
Priority 3B. Low Relative Risk without Agreements	$	$	$	$
Priority 4A. Not Evaluated with Agreements	$	$	$	$
Priority 4B. Not Evaluated without Agreements	$	$	$	$
Remedial Action Operations	$	$	$	$
Long-Term Monitoring	$	$	$	$
Potentially Responsible Party	$	$	$	$
Subtotal Hazardous and Petroleum Waste Projects	$	$	$	$
SUBTOTAL Installation Restoration Program (A+B)	$	$	$	$
II. Unexploded Ordnance (UXO Cleanup)				
Priority C1. Imminent Threats to Human Safety	$	$	$	$
Priority C2. Possible Threats to Human Safety	$	$	$	$
Priority C3. Marginal Threats to Human Safety	$	$	$	$
Priority C4. Remote Threats to Human Safety	$	$	$	$
Not Evaluated	$	$	$	$
SUBTOTAL Unexploded Ordnance	$	$	$	$
III. BUILDING DEMOLITION/DEBRIS REMOVAL PROGRAM				
A. Imminent threats to Human Safety, Health, or to the Environment	$	$	$	$
B. Other	$	$	$	$
SUBTOTAL Building Demolition/Debris Removal	$	$	$	$
TOTAL PROGRAM	$	$	$	$

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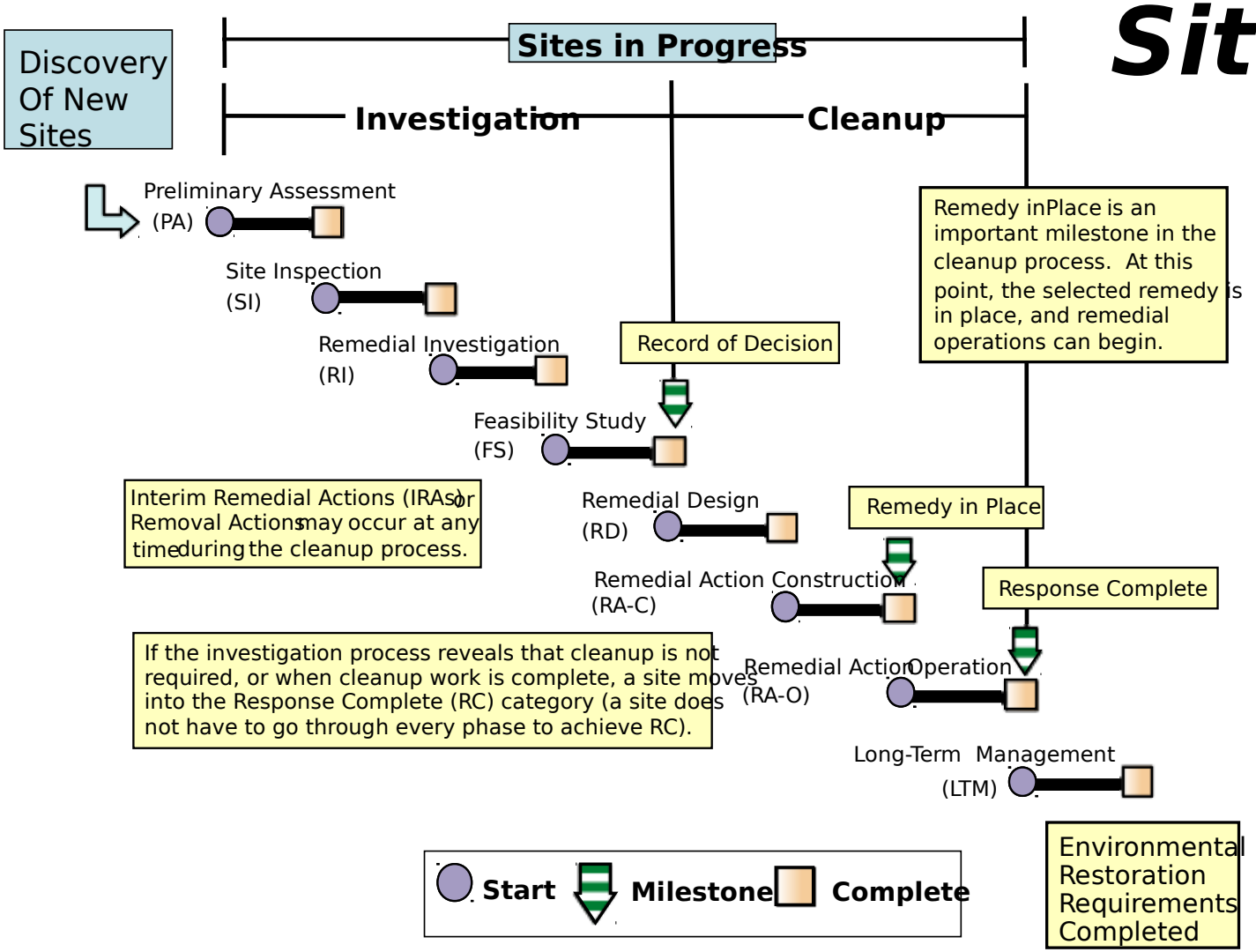
Process for MMRP Sites


Discovery Of New Sites
Sites in Progress
Investigation
Cleanup
Preliminary Assessment (PA)
Site Inspection (SI)
Remedial Investigation (RI)
Feasibility Study (FS)
Record of Decision
Remedial Design (RD)
Remedial Action Construction (RA-C)
Remedial Action Operation (RA-O)
Remedy in Place
Response Complete
Long-Term Management (LTM)
Remedy inPlace is an important milestone in the cleanup process. At this point, the selected remedy is in place, and remedial operations can begin.
Interim Remedial Actions (IRAs) or Removal Actions may occur at any time during the cleanup process.
If the investigation process reveals that cleanup is not required, or when cleanup work is complete, a site moves into the Response Complete (RC) category (a site does not have to go through every phase to achieve RC).
Start
Milestone
Complete
Environmental Restoration Requirements Completed

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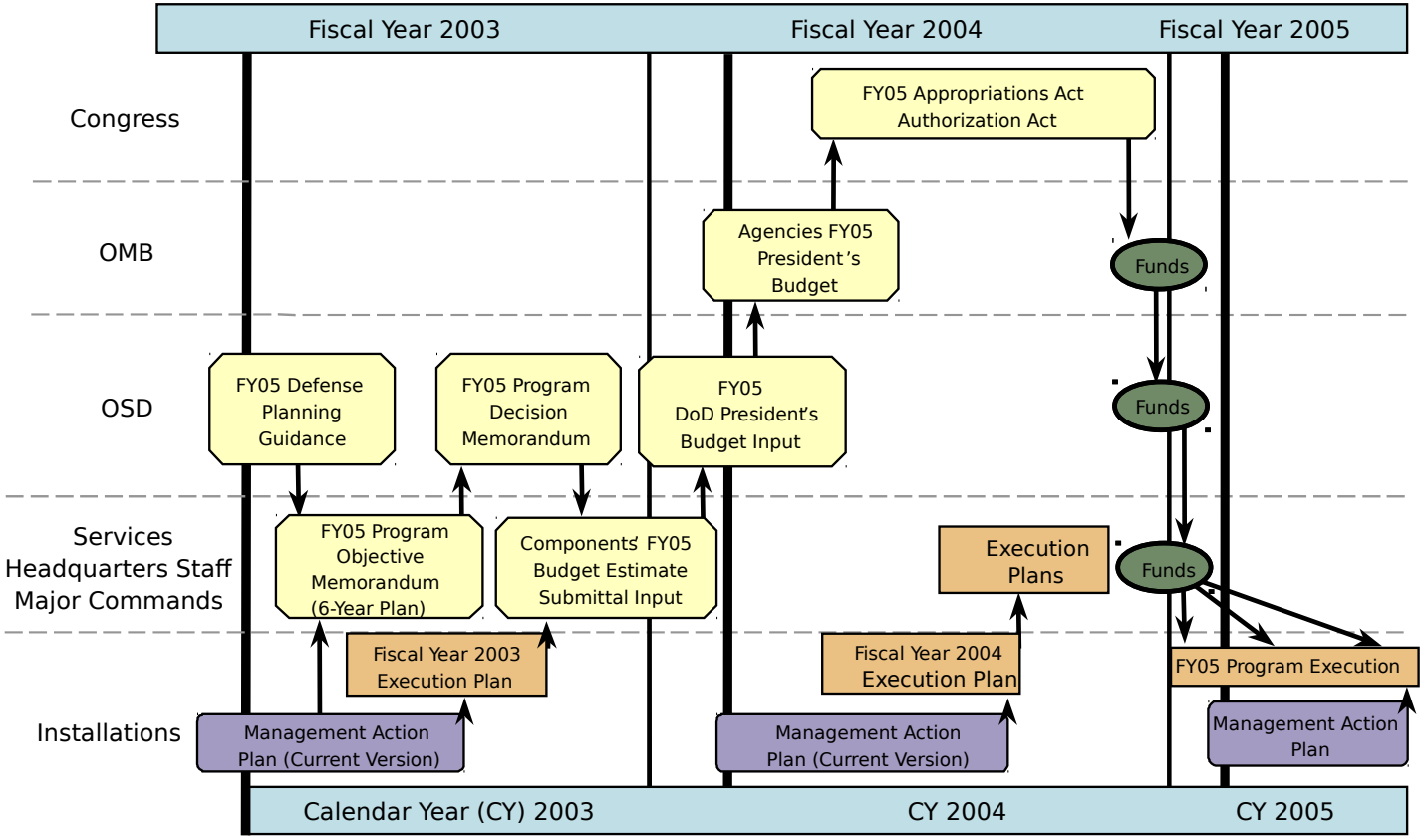
MMRP Funding



- **Program requirements funded through the PPBS**

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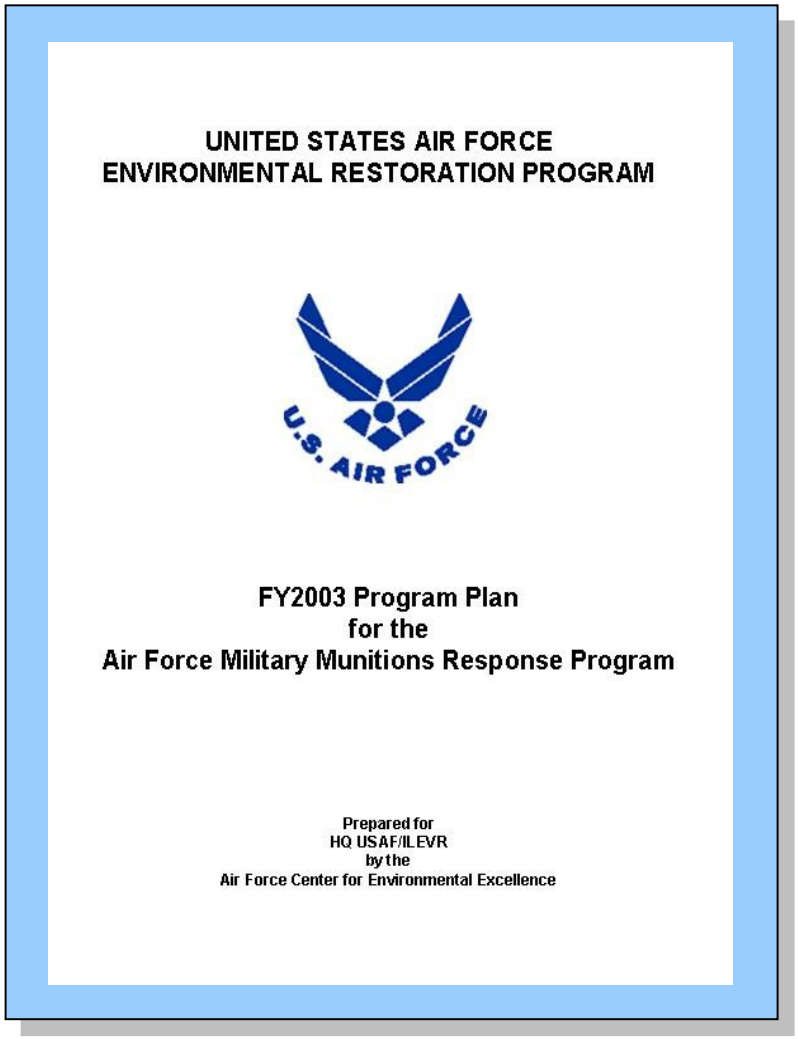
AF MMRP Plan


UNITED STATES AIR FORCE
ENVIRONMENTAL RESTORATION PROGRAM

FY2003 Program Plan
for the
Air Force Military Munitions Response Program

Prepared for
HQ USAF/ILEVR
by the
Air Force Center for Environmental Excellence

- Established Program Vision & Goals
- Outlined Program Strategy to achieve the AF MMRP Vision & Goals
- Approved by HQ AF/ILEVR in mid Oct 02
- Outlined detailed plan for FY03 Program Development
- Identified Roadmap with Program control paths
- Examined Program Execution constraints

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MMRP Vision

“Make Air Force munitions response sites safe and clean for reasonably anticipated future use”

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Recent MMRP Development

30 Sep 02…Final AF FY02 Defense Site Inventory

- **MMRP Only—not including BRAC sites managed by AFRPA**

25 Oct 02…AF Aggregate Environmental Liability Cost Estimate

- **Submitted to ODUSD (I&E)**
- **Compiled with Chief Financial Officer Act**

9 Nov 02…Bottoms-Up submission for AF Aggregate Environment Liability Cost Estimate

22 Nov 02…Site-Level Data Element Submission

- **Costs not included**

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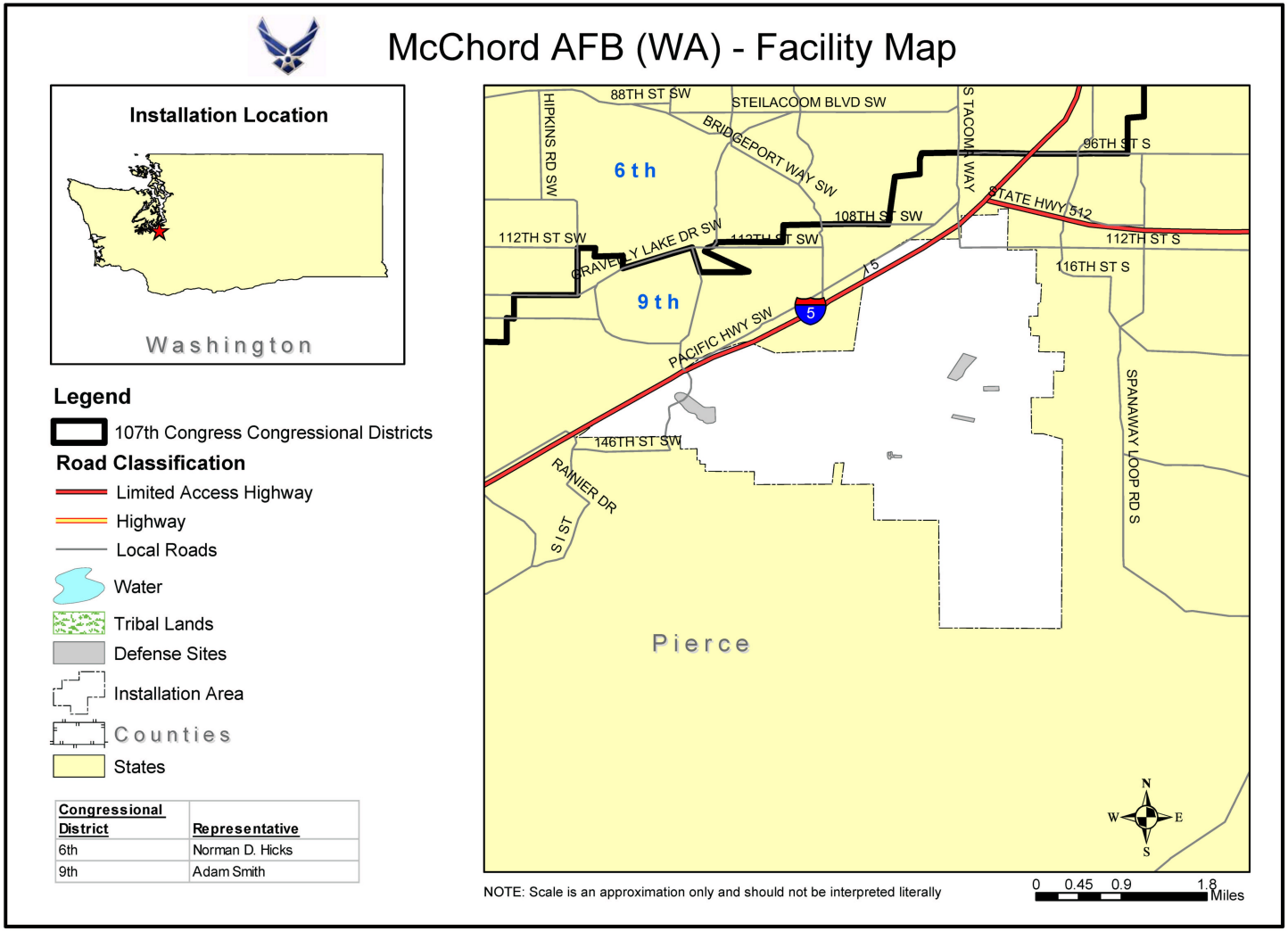
Sample MMRP Defense Site Map



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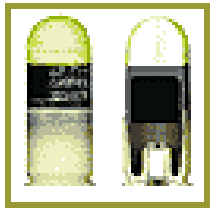
What's on the AF MMRP Horizon

- Site prioritization protocol
  - Proposed rule and preamble in Federal Register
- Reconcile MMRP site names with States, Tribal Nations, EPA, DOI, DOE, and DOA
- New MMRP section to the Remedial Project Manager Handbook
- UXO and chemical constituents standards needed



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Any Questions?